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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): André DeHon, et al.) Re: Information Disclosure
) Statement
Serial No.: 10/643,772) Group: 2825
)
Filed: August 18, 2003) Examiner: not yet assigned
)
) Our Ref: B-5138NP 621046-7
For: "ELEMENT PLACEMENT METHOD AND)
APPARATUS") Date: April 7, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for the corresponding PCT Application No. PCT/US03/25941. A copy of the Search Report (4 pages) is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT Application No. PCT/US03/02864. A copy of the Search Report (4 pages) is enclosed herewith.

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WIPO International Publication Document No. WO 98/35294 is not in English. A concise English-language explanation of the relevance of WIPO International Publication Document No. WO 98/35294 can be found in the enclosed English-language abstract.

It should be noted that the above-identified application may be related by subject matter to the following U.S. Application(s): 10/356,710, filed January 31, 2003 (published as U.S. Patent Application Publication No. 2003/0174723 A1); and 10/897,582, filed July 23, 2004 (published as U.S. Patent Application Publication No. 2005/0063373 A1). Pursuant to 37 C.F.R. 1.56(a) and M.P.E.P. 2004, paragraph 9, the applicant brings these co-pending applications to the attention of the Examiner. The Examiner should consider this information during the prosecution of the above-identified application. However, citation of these applications does not constitute an admission that the claims of the present application are substantially similar or similar to those of the applications listed above.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the

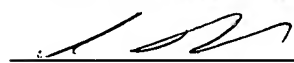
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undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on April 7, 2005 by Shana Morda.



Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (3 pages)
Copy of Search Report for PCT/US03/25941 (4 pages)
Copy of Search Report for PCT/US03/02864 (4 pages)
Copy of Non-U.S. Patent documents listed on Form PTO-1449 (modified)



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LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS André DeHon, et al.	
	FILING DATE August 18, 2003	GROUP 2825

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	3,654,615	4/1972	Freitag	340	172.5	
	5,495,419	2/1996	Rostoker et al.	364	468	
	6,243,851 B1	6/2001	Hwang et al.	716	10	
	2003/0174723 A1	9/2003	DeHon et al.	370	404	
	2005/0063373 A1	3/2005	DeHon et al.	370	380	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
98/35294	8/1998	WO			abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Arora, S., et al., "On-Line Algorithms For Path Selection In A Nonblocking Network," <i>SIAM Journal on Computing</i> , Vol. 25, No. 3, pp. 1-25 (June 1996).
Banerjee, P., et al., "A Parallel Simulated Annealing Algorithm for Standard Cell Placement on a Hypercube Computer," <i>IEEE International Conference on Computer-Aided Design</i> , pp. 34-37 (1986).
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EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	DeHon, A., "Compact, Multilayer Layout for Butterfly Fat-Tree," <i>Proceedings of the Twelfth ACM Symposium on Parallel Algorithms and Architectures</i> , 10 pages total (July 2000).
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